

DRAFT

SURFACE WATER ANALYTICAL DATA - PNA
ROUTE 113 RELEASE
KANKAKEE, ILLINOIS

Sample I.D.	Date	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a) anthracene (ug/L)	Benzo(a) pyrene (ug/L)	Benzo(b) fluoranthene (ug/L)	Benzo(k) fluoranthene (ug/L)	Benzo (g,h,i) perylene (ug/L)	Chrysene (ug/L)	Dibenzo(a,h) anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indeno (1,2,3-cd) pyrene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
IEPA Acute Aquatic Life		120	190	0.66	NGV	NGV	NGV	NGV	NGV	NGV	4.3	59	NGV	510	46	NGV	
IEPA Chronic Aquatic Life		62	15	0.53	NGV	NGV	NGV	NGV	NGV	NGV	1.8	16	NGV	68	3.7	NGV	
IEPA Human Threshold		NGV	NGV	35000	NGV	NGV	NGV	NGV	NGV	NGV	120	4500	NGV	NGV	NGV	3500	
IEPA Human Nonthreshold		NGV	NGV	NGV	0.16	0.016	0.16	1.6	NGV	16	0.016	NGV	NGV	0.16	NGV	NGV	
Ditch Upgradient (SW1)	3/14/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch Upgradient (SW1)	3/17/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch Source (SW2)	3/14/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch Limestone (SW3)	3/14/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch Limestone (SW3)	3/17/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch 1955 Stone (SW4)	3/14/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch 1955 Stone (SW4)	3/17/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch North (SW5)	3/14/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2
Ditch North (SW5)	3/17/2014	<10	<10	<5	<0.13	<0.2	<0.18	<0.17	<0.4	<1.5	<0.3	<2	<2	<0.3	<10	<5	<2

Analytical Notes:

PNA = Polynuclear Aromatic Hydrocarbons

IEPA = Illinois Environmental Protection Agency

ug/l= micrograms per liter

< = Not detected at or above indicated laboratory reporting limit

NGV = No given value